

IRIX COPPER PASTE (formerly IRIX HP - BEM 482 CU)

Greases & Pastes

DESCRIPTION

IRIX COPPER PASTE is an assembling paste blended from mineral oil, soap-free thickener and copper powder.

RECOMMENDED APPLICATIONS

The synergistic mixture of solid particles makes it suitable to ease assemblies, static or semi-static (coupling electrical motor/gear box, ingot clamps, and any other mechanical parts working at very low speed and high temperatures).

IRIX COPPER PASTE considerably reduces contact corrosion effects and eases disassembly event after a long period of exposure at high temperature.

Application can be done with a spatula or a brush, but this paste must never be used in a centralized lubrication system.

ADVANTAGES

- Contains 25% copper powder.
- High temperature assembling paste.
- Easier assembling and disassembling.
- Good protection against corrosion
- Excellent adhesion

CLASSIFICATION

- ISO 12924: L-XCGDB2
- DIN 51502: KF2T-35

TECHNICAL INFORMATIONS

CHARACTERISTICS	STANDARDS	IRIX COPPER PASTE	UNIT
Thickener		Bentonite	
Base oil		mineral	
Colour	Visual	yellow greenish	
NLGI Grade	ASTM D 217 mod	2	
Base oil viscosity at 40 °C	ISO 12058	485	mm ² /s
Base oil viscosity at 100 °C	ISO 12058	31.4	mm ² /s
Drop point	IP 396	none	°C
4-ball weld load	DIN 51350:4	3 800	N
	ASTM D 2596	400	kg
Copper corrosion 24 h / 100 °C	ASTM D 4048	1a	mbar
Temperature range		-35 to +1 100	°C

The specifications are given for information purposes only and may need to change.